



#3

## DECLARATION FOR PATENT APPLICATION

Docket: 115132-4

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled, ADENO-ASSOCIATED VIRUS VECTOR AND CIS-ACTING REGULATORY AND PROMOTER ELEMENTS CAPABLE OF EXPRESSING AT LEAST ONE GENE AND METHOD OF USING SAME FOR GENE THERAPY, the specification of which

(check one) ☐ is attached hereto.

was filed on June 7, 1995 as Application Serial No. 08/475,470 and was amended on ---- (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all known information which is material to patentability as defined in Title 37, Code of Federal Regulation Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

Yes No

(Number) (Country) (Day/Month/Year Filed)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/344,816</u>	<u>11/23/94</u>	<u>Pending</u>
(Appln. Serial No.)	(Filing Date)	(Status-patent,pending,abandoned)
<u>07/923,418</u>	<u>7/31/92</u>	<u>Abandoned</u>
(Appln. Serial No.)	(Filing Date)	(Status-patent,pending,abandoned)
<u>07/893,513</u>	<u>6/03/92</u>	<u>Abandoned</u>
(Appln. Serial No.)	(Filing Date)	(Status-patent,pending,abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

15  
Walter J. Blenko, Jr., Registration No. 18,526; John I. Iverson, Registration No. 20,314; Arnold B. Silverman, Registration No. 22,614; Richard V. Westerhoff, Registration No. 24,454; Lewis F. Gould, Jr., Registration No. 25,057; Stephan P. Gribok, Registration No. 29,643; Rita M. Rooney, Registration No. 30,585; David V. Radack, Registration No. 33,442; Jonathan A. Bay, Registration No. 35,064; Jolene W. Appleman, Registration No. 35,428; George K. Stacey, Registration No. 35,688; Steven C. Benjamin, Registration No. 36,087; J. Mark Hand, Registration No. 36,545; Jonathan J. Wainer, Registration No. 36,712 and Kirk D. Houser, Registration No. 37,357.

Please direct all correspondence to: Lewis F. Gould, Jr.  
Eckert Seamans Cherin & Mellott  
1700 Market Street, Suite 3232  
Philadelphia, PA 19103  
Telephone (215) 575-6000.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Richard Jude Samulski

1 w  
First  
Second Inventor's signature Richard Jude Samulski Date 9/19/95  
Residence Chapel Hill, NC NC  
Citizenship USA  
Post Office Address 102 Darlin Circle  
Chapel Hill, NC 27514

Full name of second joint inventor, if any: Christopher E. Walsh

Second Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
\_\_\_\_\_

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Walter J. Blenko, Jr., Registration No. 18,526; John I. Iverson, Registration No. 20,314; Arnold B. Silverman, Registration No. 22,614; Richard V. Westerhoff, Registration No. 24,454; Lewis F. Gould, Jr., Registration No. 25,057; Stephan P. Gribok, Registration No. 29,643; Rita M. Rooney, Registration No. 30,585; David V. Radack, Registration No. 33,442; Jonathan A. Bay, Registration No. 35,064; Jolene W. Appleman, Registration No. 35,428; George K. Stacey, Registration No. 35,688; Steven C. Benjamin, Registration No. 36,087; J. Mark Hand, Registration No. 36,545; Jonathan J. Wainer, Registration No. 36,712 and Kirk D. Houser, Registration No. 37,357.

Please direct all correspondence to: Lewis F. Gould, Jr.  
Eckert Seamans Cherin & Mellott  
1700 Market Street, Suite 3232  
Philadelphia, PA 19103  
Telephone (215) 575-6000.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Richard Jude Samulski

Second Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

200 Full name of second joint inventor, if any: Christopher E. Walsh

Second Inventor's signature Chris Walsh Date 9/2/95  
Residence BETHESDA, MD MD  
Citizenship USA  
Post Office Address 9400 BALFOUR DR.  
BETHESDA, MD 20892

300 Full name of third joint inventor, if any: Arthur W. Nienhuis

Third Inventor's signature AW Nienhuis

Date

11/7/95

Residence

647 West Drive Memphis TN

Citizenship

United States

TN

Post Office Address \_\_\_\_\_

Full name of fourth joint inventor, if any: Johnson M. Liu

Fourth Inventor's signature \_\_\_\_\_

Date

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of fifth joint inventor, if any: Jeffrey L. Miller

Fourth Inventor's signature \_\_\_\_\_

Date

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of third joint inventor, if any: Arthur W. Nienhuis

Third Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_  
\_\_\_\_\_

Full name of fourth joint inventor, if any: Johnson M. Liu ✓

4w Fourth Inventor's signature \_\_\_\_\_

Residence Rockville, MD ML

Citizenship USA

Post Office Address 11502 PATAPSCO DR  
ROCKVILLE, MD 20852

Date 12-6-95

Full name of fifth joint inventor, if any: Jeffrey L. Miller

Fourth Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_  
\_\_\_\_\_

Full name of third joint inventor, if any: Arthur W. Nienhuis

Third Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_  
\_\_\_\_\_

Full name of fourth joint inventor, if any: Johnson M. Liu

Fourth Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_  
\_\_\_\_\_

Full name of fifth joint inventor, if any: Jeffrey L. Miller ✓

<sup>Fifth</sup>  
~~Fourth~~ Inventor's signature Jeff Miller Date 9/27/95

Residence Laurel, MD

Citizenship USA MD

Post Office Address 6309 Sandy St.  
Laurel, MD 20707



## DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled, ADENO-ASSOCIATED VIRUS VECTOR AND CIS-ACTING REGULATORY AND PROMOTER ELEMENTS CAPABLE OF EXPRESSING AT LEAST ONE GENE AND METHOD OF USING SAME FOR GENE THERAPY, the specification of which

(check one) ☐ is attached hereto.  
☒ was filed on June 7, 1995 as Application Serial No. 08/475,470 and was amended on ----- (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all known information which is material to patentability as defined in Title 37, Code of Federal Regulation Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed
			Yes No
(Number)	(Country)	(Day/Month/Year Filed)	

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/344,816</u>	<u>11/23/94</u>	<u>Pending</u>
(Appln. Serial No.)	(Filing Date)	(Status-patent,pending,abandoned)
<u>07/923,418</u>	<u>7/31/92</u>	<u>Abandoned</u>
(Appln. Serial No.)	(Filing Date)	(Status-patent,pending,abandoned)
<u>07/893,513</u>	<u>6/03/92</u>	<u>Abandoned</u>
(Appln. Serial No.)	(Filing Date)	(Status-patent,pending,abandoned)



## DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled, ADENO-ASSOCIATED VIRUS VECTOR AND CIS-ACTING REGULATORY AND PROMOTER ELEMENTS CAPABLE OF EXPRESSING AT LEAST ONE GENE AND METHOD OF USING SAME FOR GENE THERAPY, the specification of which

(check one) ☐ is attached hereto.  
☒ was filed on June 7, 1995 as Application Serial No. 08/475,470 and was amended on ---- (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all known information which is material to patentability as defined in Title 37, Code of Federal Regulation Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed
			Yes No
(Number)	(Country)	(Day/Month/Year Filed)	

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/344,816</u>	<u>11/23/94</u>	<u>Pending</u>
(Appln. Serial No.)	(Filing Date)	(Status-patent,pending,abandoned)
<u>07/923,418</u>	<u>7/31/92</u>	<u>Abandoned</u>
(Appln. Serial No.)	(Filing Date)	(Status-patent,pending,abandoned)
<u>07/893,513</u>	<u>6/03/92</u>	<u>Abandoned</u>
(Appln. Serial No.)	(Filing Date)	(Status-patent,pending,abandoned)



I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Walter J. Blenko, Jr., Registration No. 18,526; John I. Iverson, Registration No. 20,314; Arnold B. Silverman, Registration No. 22,614; Richard V. Westerhoff, Registration No. 24,454; Lewis F. Gould, Jr., Registration No. 25,057; Stephan P. Gribok, Registration No. 29,643; Rita M. Rooney, Registration No. 30,585; David V. Radack, Registration No. 33,442; Jonathan A. Bay, Registration No. 35,064; Jolene W. Appleman, Registration No. 35,428; George K. Stacey, Registration No. 35,688; Steven C. Benjamin, Registration No. 36,087; J. Mark Hand, Registration No. 36,545; Jonathan J. Wainer, Registration No. 36,712 and Kirk D. Houser, Registration No. 37,357.

Please direct all correspondence to: Lewis F. Gould, Jr.  
**Eckert Seamans Cherin & Mellott**  
**1700 Market Street, Suite 3232**  
**Philadelphia, PA 19103**  
**Telephone (215) 575-6000.**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Richard Jude Samulski

Second Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
\_\_\_\_\_

Full name of second joint inventor, if any: Christopher E. Walsh

Second Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
\_\_\_\_\_



## DECLARATION FOR PATENT APPLICATION

Docket: 115132-4

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled, ADENO-ASSOCIATED VIRUS VECTOR AND CIS-ACTING REGULATORY AND PROMOTER ELEMENTS CAPABLE OF EXPRESSING AT LEAST ONE GENE AND METHOD OF USING SAME FOR GENE THERAPY, the specification of which

(check one) ☐ is attached hereto.  
☒ was filed on June 7, 1995 as Application Serial No. 08/475,470 and was amended on ---- (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all known information which is material to patentability as defined in Title 37, Code of Federal Regulation Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

Yes No

(Number) (Country) (Day/Month/Year Filed)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/344,816</u>	<u>11/23/94</u>	<u>Pending</u>
(Appln. Serial No.)	(Filing Date)	(Status-patent,pending,abandoned)
<u>07/923,418</u>	<u>7/31/92</u>	<u>Abandoned</u>
(Appln. Serial No.)	(Filing Date)	(Status-patent,pending,abandoned)
<u>07/893,513</u>	<u>6/03/92</u>	<u>Abandoned</u>
(Appln. Serial No.)	(Filing Date)	(Status-patent,pending,abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Walter J. Blenko, Jr., Registration No. 18,526; John I. Iverson, Registration No. 20,314; Arnold B. Silverman, Registration No. 22,614; Richard V. Westerhoff, Registration No. 24,454; Lewis F. Gould, Jr., Registration No. 25,057; Stephan P. Gribok, Registration No. 29,643; Rita M. Rooney, Registration No. 30,585; David V. Radack, Registration No. 33,442; Jonathan A. Bay, Registration No. 35,064; Jolene W. Appleman, Registration No. 35,428; George K. Stacey, Registration No. 35,688; Steven C. Benjamin, Registration No. 36,087; J. Mark Hand, Registration No. 36,545; Jonathan J. Wainer, Registration No. 36,712 and Kirk D. Houser, Registration No. 37,357.

Please direct all correspondence to: Lewis F. Gould, Jr.  
**Eckert Seamans Cherin & Mellott**  
**1700 Market Street, Suite 3232**  
**Philadelphia, PA 19103**  
**Telephone (215) 575-6000.**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Richard Jude Samulski

Second Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
\_\_\_\_\_

Full name of second joint inventor, if any: Christopher E. Walsh

Second Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
\_\_\_\_\_

Full name of third joint inventor, if any: Arthur W. Nienhuis

Third Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of fourth joint inventor, if any: Johnson M. Liu

Fourth Inventor's signature [Signature] Liu, MD Date 10-1-95

Residence Rockville, MD

Citizenship USA

Post Office Address Hematology Branch, NHLBI

10/75/213/ACRF

Bethesda, MD 20892

Full name of fifth joint inventor, if any: Jeffrey L. Miller

Fourth Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_